

# Michael Sanchez

Software Developer | Chicago, IL | (803) 917-7833 | [Mjs070594@gmail.com](mailto:Mjs070594@gmail.com)  
[LinkedIn](#) | [Github](#) | [Portfolio Site](#)

## TECHNICAL SKILLS

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**Languages:** HTML, CSS, JavaScript(ES6, Node.js), Python, SQL, JSX

**Frameworks/Libraries:** Flask, Spring, Query, React, Express, React, Bootstrap, Material-UI

**Databases:** MySQL, MongoDB, Mongoose

**Tools:** AJAX, REST API, PostMan, Axios, bcrypt, JSON,Socket.IO, ContextAPI, MySQL Workbench, Git, Github, Figma

## TECHNICAL EXPERIENCE

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**Kinetic Footwear, LLC** | Full Stack Developer (Freelance) | [Github Demo](#) | Live May 2022 - Present || remote  
*An ecommerce startup that sells a usb/charge-able sneaker with every step*

- Collaborated with clients to define feature requirements, gather digital assets, create mockups/wireframes to design, develop a full stack website from scratch.
- Built a scalable database with Flask/MySQL in order to collect survey data and feedback from customers.
- Improved user retention by implementing Mailjet to send recurring updates and the feedback survey.
- Organized design meetings with the client in order to meet business needs as well as functional and technical requirements.
- TECHSTACK: Python, Flask, SQL, HTML, CSS, Javascript

## SOFTWARE PROJECTS

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**Spotify Clone** | MERN - Full Stack (Personal Project) [Github Demo](#) | Live  
*A real-time spotify clone, with user authentication, responsive design and use of APIs*

- Improved usability by leveraging Context API to prevent prop drilling between components and to display data globally.
- Eased accessibility by utilizing microservices from the Spotify API in order to authenticate user accounts.
- Enhanced design quality by styling with Material UI and CSS.
- TECHSTACK: React, Node.js, Material.UI, Context API, Spotify API

**White Elephant** | Full Stack CRUD Application (Personal Project) [Github Demo](#) | Live  
*A fully functional CRUD application where users can create gift ideas for their friends.*

- Constructed a wireframe and Trello board to plan and design the application from scratch.
- Utilized CSS animation, keyframes, and transform to create a moving cloud effect on the landing page.
- Applied JSTL for conditional formatting, looping and validation in order to iterate through a gift object and render it on the display table.
- Improved security by building a Login and Registration with Spring Security and secured passwords with bcrypt.
- TECHSTACK: Java, Spring Boot, Spring Security, JSTL, Bootstrap, bcrypt.

## EXPERIENCE

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**Dental Hygienist** | Downtown Dental | Chicago, IL August 2019 - July 2022

- Provided dental care to 8+ patients a day, performed 160 routine dental cleanings, x-rays and dental examinations per month.
- Increased cavity detection by using new dental programs such as Overjet that uses AI to detect cavities.
- Maintained patient retention rate by routinely making calls about reminders and appointment confirmations.
- Enhanced patient care by collaborating with Dentists on procedures that are within my scope of practice.

## EDUCATION

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**Coding Dojo** July 2022 - October 2022  
*Full-Stack Developer Certificate in Python, MERN, Java* Online

**Midlands Technical College** August 2016 - May 2019  
*Associates Degree in Dental Hygiene* Columbia, SC